

## ABSTRACT

5 A method of manufacturing an oxide superconducting wire which can  
manufacture the longest possible wire by connecting relatively short wires  
with each other and is capable of suppressing reduction of a critical current  
resulting from influence by strain when the wires connected with each  
other are bent, an oxide superconducting wire, a superconducting coil and a  
superconducting apparatus are provided. According to the method of  
10 manufacturing an oxide superconducting wire by superposing end portions  
of two oxide superconducting wires (1, 2) with each other thereby bonding  
the end portions and connecting the oxide superconducting wires with each  
other, a junction (L) formed by superposing the end portions with each  
other is so worked as to reduce the quantity of strain on an end of the  
junction (L) when the two oxide superconducting wires (1) and (2)  
15 connected with each other are bent. Each of the oxide superconducting  
wire, the superconducting coil and the superconducting apparatus has the  
aforementioned junction (L), and the quantity of strain on the end of the  
junction (L) is reduced in the aforementioned manner.